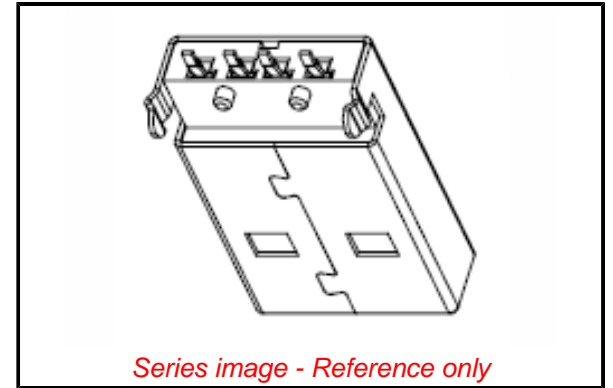


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0480372000**  
**Status:** **Active**  
**Overview:** USB Products and Solutions  
**Description:** Universal Serial Bus (USB) Shielded I/O Plug, Type A, Right-Angle, Surface Mount, 0.76µm Gold (Au) Plating, PCB Thickness 1.20mm-1.60mm, Tape on Reel Package, Lead-Free

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-48037-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-48037-200 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**General**

Product Family	I/O Connectors
Series	48037
Application	Wire-to-Board
Component Type	Plug
Overview	<a href="#">USB Products and Solutions</a>
Product Name	USB 2.0
Type	A
UPC	822348720859

**Physical**

Circuits (Loaded)	4
Circuits (maximum)	4
Gender	Male
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	2.300/g
Number of Rows	1
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.20mm, 1.60mm
Packaging Type	Embossed Tape on Reel
Panel Mount	Yes
Pitch - Mating Interface	2.00mm, 2.50mm
Pitch - Termination Interface	2.00mm, 2.50mm
Plating min - Mating	0.762µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-20° to +85°C
Termination Interface: Style	Surface Mount
Waterproof / Dustproof	No

**Electrical**

Current - Maximum per Contact	1.5A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	150V AC (RMS)

**Solder Process Data**

Max. Cycles at Max. Process Temperature	010
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**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ECHA\_01\_2020 (16  
January 2020

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

48037 Series

**Mates With**

USB Type A Receptacle

Process Temperature max. C 260

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-48037-200
Product Specification	PS-48037-001-001
Sales Drawing	SD-48037-002

This document was generated on 03/10/2020

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